

Science 8 Data collection Project

Name:

Date:

Class:

Due Wednesday, September 04, 2013

You will be assigned one of the topics on back. Your task is to create three creative questions/ scenarios to ask your classmates to get information about your topic. You will take that information, organize it and draw conclusions about your classmates. You will be required to make a 12" x 18" horizontal poster to present your findings to the class.

The poster must be neatly done, typed, have a catchy title (written so it can be read at a distance), be colorful, have related pictures, have graph(s), be accurate, appropriate, and have a clear conclusion based on the data. Everything must fit on one side of the poster.

Here are the steps you will take to complete the assignment:

1. Look at all of the topics on this page and jot down your answers to them. You will be answering questions from you classmates on these topics.
2. The teacher will assign your topic.
3. Brainstorm: Think about what you want to know from your classmates about the topic. For example: if your topic is "favorite shoes", you may want to know what kind of running shoes, school shoes, or dress shoes do students like. Where do they buy the shoes? Do their parents like the shoes they wear? Are they going for comfort or looks? *Ask thoughtful questions...I will help if you need help.*
4. Think of a catchy title.
5. Research your topic – what can you find out about it. Have surveys been done on this topic before? What has already been found out or concluded from previous studies? How does the class compare to other groups of people or the National average?
6. Write your questions and get teacher approval.
7. Create a table or chart to collect your data. Make sure that you keep track of who you are asking so you do not miss anyone. You may write down names on your data collection chart but you may not put names on your poster.
8. Once you get your data, organize it and think about what it is saying. Make at least one graph of the data. (We will start this in class)
9. Write a conclusion, this should be one or two paragraphs and will be put on the front of your poster. Conclusions should be about what you found out about the class (not just data) and what does it means. Also, compare the class to your outside research. What does it mean? What can you infer?
10. Finish your poster using the rubric and present your findings in front of the class. Remember to practice presenting. Hand the rubric and the poster in.
11. Please organize your poster so everything neatly fits on one side of the poster board.

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Topics

What is your favorite music?

What sports do you watch?

What sports do you play?

Are you physically fit?

How much TV do you watch? Movies? Shows?

How much time do you spend on your computer?

Do you use a cell phone?

Where do you get music?

How much time do you spend on homework?

Have you ever cheated in school?

Have you ever lied?

Are you always truthful with your parents?

How much do you sleep?

What is your favorite hobby?

What is in your locker?

What is your favorite movie?

What is your favorite food?

What is your favorite subject in school?

Do you study for tests?

Do you like/have dyed your hair?

Do you like/have tattoos?

What about piercing?

What do you like about school?

Do you have a pet/ like animals?

Where's your favorite place to vacation?

Have you ever lived in another country?

If you could live anywhere, where would you live?

What is your favorite internet spot?

Have you won a trophy?

Have you broken a limb?

Where are you in birth order?

Favorite store to shop in?

Do you have Facebook or other social network?

Do you play an instrument?

How do you earn money?

Did you go to Summer camp?

What embarrasses you?

How much does your back pack weigh?

What are you afraid of?

What makes you angry?

What makes you happy?

What's your favorite video game?

What's your favorite App?

What is your biggest regret?

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Rubric for Data Collection Poster

Please read and use this rubric as you make your poster.

My Topic is _____

What I want to find out _____

My three questions are:

1. _____

2. _____

3. _____

	Your score	Peer score	Teacher's score
12" x 18" held horizontal Everything on one side (10pts)			
Proper heading (name, date and period in top right hand corner), typed (10 pts)			
Catchy Title that can be seen from a distance and is the main focus of the poster. (5 pts)			
Colorful, neatly done, appropriate (15 pts)			
Graph(s) with titles, legend, and labels, neatly done (10 pts)			
Evidence of research (refer to at least one reference – quoted in your conclusion) References can be a website or book, newspaper or magazine(10 pts)			
Related pictures (10 pts)			
Clear, type written conclusion on poster, 1 to 2 paragraphs. (10 pts)			
Something extra (in addition to topic – not attached to poster) (5pts)			
Total 85 points			

